

LABORATORY ANALYZER SYSTEM AND ANALYTICAL INSTRUMENT MODULE

ABSTRACT OF THE DISCLOSURE

1 A laboratory analyzer system has a base housing (1)
2 on which a sample tray (4) with holding accommodations (5)
3 for two or more samples is movably supported. A drive
4 mechanism (2) inside the base housing advances the sample
5 tray in a stepwise motion so that the samples are
6 presented one by one to a tower-like analytical instrument
7 module (16, 16') that is installed on the base housing.
8 The mounting arrangement for the analytical instrument
9 module on the base housing is non-destructively
10 releasable, with first connector elements (15) arranged at
11 multiple locations on the base housing and second
12 connector elements on the analytical instrument module.
13 The multiple first connector elements offer the
14 possibilities of installing more than one analytical
15 instrument module on the base housing as well as
16 installing a single instrument module at a choice of
17 different locations on the base housing.

(Fig. 1)